

KRISHNAGAR ACADEMY

Half Yearly Examinations Phase II

Class: IX

Subject: Computer Applications

FM 50

Question 1:

[5x2=10]

- a) Why is java called a Robust Language?
- b) Define: Attribute; Behaviour; Method
- c) Give two characteristics and behaviours of “Bicycle” and “A Doctor”.
- d) Encapsulation wraps up the attributes and methods of the object. Comment.
- e) What is Write Once Run Anywhere characteristics of Java?

Question 2:

- a) Explain the simulation of object-oriented principle with the real world by giving an example? [10]
- b) Define and then differentiate an interpreter from a compiler using a context of program. [10]

Question 3:

Give the diagrammatic representation of compilation process of Java file. [10]

Question 4:

Create a class “Coordinate” with two-member variables pos1, pos2 and create parameterized and non-parameterized constructor to initialize them. Also create a main method to create the object of the above class. [10]